Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended) A method for exchanging data between a program-controlled device and a logic circuit, which comprises:

providing a first single line connecting the program-controlled device and the logic circuit;

providing a bidirectionally usable second single line connecting the program-controlled device and the logic circuit;

transmitting a control signal from the program-controlled device to the logic circuit over the first single line; and

placing the second single line in a dominant state with the logic circuit when the logic circuit is to make a serial data transmission.

2 (original). The method according to claim 1, which further comprises using a microcontroller as the program-controlled device.

3 (original) The method according to claim 1, which further comprises:

requesting data to be transmitted by the program-controlled device;

changing a level of the control signal;

enabling data transmission to the logic circuit by maintaining a recessive state in the second line for a predetermined time after the change in level of the control signal;

switching the second line to the dominant state by the program-controlled device after the predefined time has expired; and

starting a data transmission from the program-controlled device to the logic circuit after changing the level of the control signal.

4 (original) The method according to claim 3, which further comprises switching the second line to the recessive state by the program-controlled device before the predefined time has

expired to allow data transmission from the logic circuit to the program-controlled device.

5 (original) The method according to claim 1, which further comprises:

sending a request to receive from the program in the program-controlled device;

placing the second line in the recessive state;

maintaining the second line in the recessive state;
placing the control signal in an initial level; and

waiting for the predefined time.

6 (currently amended) A system for exchanging data, comprising:

a program-controlled device;

a logic circuit;

a first single line conducting a control signal from said program-controlled device to said logic circuit; and

a bidirectionally usable, second single line connecting said program-controlled device to said logic circuit, said second single line being placeable in a dominant state by said logic circuit when a serial data transmission is to be made by said logic circuit.

7 (original). The system according to claim 6, wherein said program-controlled device is a microcontroller.

8 (original) The system according to claim 6, wherein the control signal is a strobe.

9 (previously presented) The system according to claim 6, wherein:

said second line carries a control signal;

said program-controlled device and said logic circuit form programs for transmitting data;

said second line enables data transmission from said logic circuit to said program-controlled device by maintaining a recessive state for a predefined time after a level change of the control signal and switching said second line to the

dominant state by the program-controlled device after the predefined time has expired; and

said program-controlled device starts to transmit data to the logic circuit following the level change of the control signal.

10 (original) The system according to claim 9, wherein said program-controlled device switches said second line to the recessive state before the predefined time has expired to enable data transmission from said logic circuit to said program-controlled device.

11 (previously presented) The system according to claim 6, wherein:

said second line is in the recessive state; and

said program-controlled device requests to receive data, maintains said second line in the recessive state, places the control signal at a first level, and starts counting the predefined time.